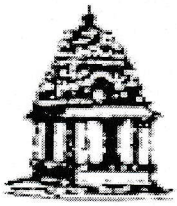

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE.

DIVISION: BYATARAYANAPURA.

SUB DIVISION: VIDYARANYAPURA.

PRE-MEASUREMENT

Name of Work: *Package No. 06 (Consists of 14 Works).*

Est Cost: 1500.00 Lakhs

Work Order: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Agency: M/s. SMLP Asphalts Prop: Sri B.B. Umesha

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	4	21-12-2022
Item Name	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :										
Earth work For RCC Drain										
3rd Block HMT Layout										
9th Cross road from 12th Cross road to 8th Cross road										
RHS			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	15.00	1.10	1.10	1.10	1.05	17.33	
			1	7.70	1.10	1.10	1.10	1.05	8.89	
Executed Quantity									**182.14**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	8	10-01-2023
Item Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :										
PCC For RCC Drain										
3rd Block HMT Layout										
9th Cross road from 12th Cross road to 8th Cross road										
RHS			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	15.00	1.10	1.10	1.10	0.15	2.48	
			1	7.70	1.10	1.10	1.10	0.15	1.27	
Executed Quantity									**28.50**	**Cum**

Contractor Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Consultant Representative

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	9	22-02-2023
Item Name	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :										
Raft Concrete for RCC Drain										
3rd Block HMT Layout										
9th Cross road from 12th Cross road to 8th Cross road										
RHS			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	15.00	0.90	0.90	0.90	0.15	2.03	
			1	7.70	0.90	0.90	0.90	0.15	1.04	
Measurement Recorded On :										
For RCC Drain Side Walls										
9th Cross road from 12th Cross road to 8th Cross road										
RHS			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	15.00	0.15	0.15	0.15	0.60	2.70	
			2	7.70	0.15	0.15	0.15	0.60	1.39	
Bed Concrete For Drain										
BEL Layout										
1st main road from Vidyaranyapura Main road to 13th cross road										
LHS	0.00	5.00	1	5.00	0.60	0.60	0.60	0.10	0.30	
	5.00	21.00	1	16.00	0.60	0.60	0.60	0.10	0.96	
	21.00	51.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	51.00	58.00	1	7.00	0.60	0.60	0.60	0.10	0.42	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	75.00	83.00	1	8.00	0.60	0.60	0.60	0.10	0.48	
	83.00	103.00	1	20.00	0.60	0.60	0.60	0.10	1.20	
	103.00	108.00	1	5.00	0.60	0.60	0.60	0.10	0.30	
	108.00	122.00	1	14.00	0.60	0.60	0.60	0.10	0.84	
	122.00	127.00	1	5.00	0.60	0.60	0.60	0.10	0.30	
	127.00	132.00	1	5.00	0.60	0.60	0.60	0.10	0.30	
	132.00	146.00	1	14.00	0.60	0.60	0.60	0.10	0.84	
	146.00	176.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	176.00	184.00	1	8.00	0.60	0.60	0.60	0.10	0.48	
	184.00	190.00	1	6.00	0.60	0.60	0.60	0.10	0.36	
	190.00	202.50	1	12.50	0.60	0.60	0.60	0.10	0.75	
	202.50	227.00	1	24.50	0.60	0.60	0.60	0.10	1.47	
	227.00	239.00	1	12.00	0.60	0.60	0.60	0.10	0.72	
	239.00	252.00	1	13.00	0.60	0.60	0.60	0.10	0.78	
	252.00	282.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	282.00	296.00	1	14.00	0.60	0.60	0.60	0.10	0.84	
	296.00	303.00	1	7.00	0.60	0.60	0.60	0.10	0.42	
	303.00	309.00	1	6.00	0.60	0.60	0.60	0.10	0.36	
	309.00	318.00	1	9.00	0.60	0.60	0.60	0.10	0.54	
	318.00	325.00	1	7.00	0.60	0.60	0.60	0.10	0.42	
	325.00	351.00	1	26.00	0.60	0.60	0.60	0.10	1.56	
	351.00	361.00	1	10.00	0.60	0.60	0.60	0.10	0.60	
	361.00	371.00	1	10.00	0.60	0.60	0.60	0.10	0.60	
	371.00	401.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	401.00	408.00	1	7.00	0.60	0.60	0.60	0.10	0.42	
HMT Layout,1st Block										
14th main road from 8th main road to 8th main road										
RHS	0.00	30.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	30.00	38.00	1	8.00	0.60	0.60	0.60	0.10	0.48	
13th main road from 2nd main road to 8th A main road										
RHS	0.00	30.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	30.00	60.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	60.00	90.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	90.00	120.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	120.00	150.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	150.00	180.00	1	30.00	0.60	0.60	0.60	0.10	1.80	
	180.00	184.00	1	4.00	0.60	0.60	0.60	0.10	0.24	
Durga Layout										
1st Cross road from 8th cross road to 4th main road										
RHS	0.00	30.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	30.00	60.00	1	30.00	0.60	0.60	0.60	0.15	2.70	
	60.00	90.00	1	30.00	0.60	0.60	0.60	0.17	3.06	
	90.00	120.00	1	30.00	0.60	0.60	0.60	0.17	3.06	
	120.00	150.00	1	30.00	0.60	0.60	0.60	0.16	2.88	
Ramp Concrete For Culverts										
BEL layout, 3rd Block										
1	5th Main road-11th C Cross Junction		2	9.00	(A+B)/2*H)=(0.5*(0.25+0.1)*0.7)			0.123	2.21	
2	5th Main road-11th B Cross Junction		2	10.00	(A+B)/2*H)=(0.5*(0.25+0.075)*0.68)			0.111	2.21	
3	5th Main road-11th A Cross Junction		2	9.00	(A+B)/2*H)=(0.5*(0.25+0.075)*0.6)			0.098	1.76	

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
5	5th Main road-10th Cross Junction	2	8.00	(A+B)/2*H)=(0.5*(0.25+0.09)*0.7)			0.119	1.90	
6	5th Main road-9th Cross Junction	2	8.50	(A+B)/2*H)=(0.5*(0.25+0.075)*0.65)			0.106	1.80	
7	5th Main road-8th Cross Junction	2	7.50	(A+B)/2*H)=(0.5*(0.25+0.1)*0.65)			0.114	1.71	
8	5th Main road-8th Cross Junction	2	9.00	(A+B)/2*H)=(0.5*(0.25+0.075)*0.6)			0.106	1.90	
9	11th cross road-6th Main road Junction	2	10.20	(A+B)/2*H)=(0.5*(0.25+0.075)*0.63)			0.106	2.15	
10	12th cross road-6th Main road junction	2	7.80	(A+B)/2*H)=(0.5*(0.25+0.075)*0.65)			0.106	1.65	
BEL layout, 5th Block									
11	4th Cross road-Venkateshwara Temple road Jun	2	9.00	(A+B)/2*H)=(0.5*(0.25+0.125)*0.64)			0.122	2.19	
12	3rd Cross road-Venkateshwara Temple road Jun	2	9.50	(A+B)/2*H)=(0.5*(0.25+0.075)*0.65)			0.106	2.01	
13	2nd Cross road-Venkateshwara Temple road Jun	2	8.50	(A+B)/2*H)=(0.5*(0.25+0.075)*0.6)			0.106	1.80	
14	1st Cross road-5th Block	2	7.30	(A+B)/2*H)=(0.5*(0.25+0.1)*0.67)			0.087	1.27	
IEHCS,Layout									
15	7th Main road-1st Cross road	2	8.00	(A+B)/2*H)=(0.5*(0.25+0.1)*0.6)			0.114	1.82	
16	7th A Main road-1st Cross road	2	8.00	(A+B)/2*H)=(0.5*(0.25+0.075)*0.65)			0.106	1.69	
17	6th A Main road-1st Cross road	2	8.00	(A+B)/2*H)=(0.5*(0.25+0.125)*0.65)			0.122	1.95	
Jnaneshwari Layout									
18	1st Cross road	2	6.40	(A+B)/2*H)=(0.5*(0.25+0.09)*0.68)			0.116	1.48	
19	3rd Cross road	2	6.70	(A+B)/2*H)=(0.5*(0.25+0.1)*0.65)			0.116	1.56	
20	1st A Cross road	2	8.40	(A+B)/2*H)=(0.5*(0.25+0.075)*0.65)			0.099	1.66	
Executed Quantity								**144.25**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	10	22-02-2023
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	

SL. NO.	CHAINAGE / Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :							
	3rd Block HMT Layout						
	9th Cross road from 12th Cross road to 8th Cross road						
	Rhs		172.70				
	U bar						
	12mm dia	1728	2.55			4406.40	
	0.89kg/m					**3921.70**	Kg
	Distribution bar						
	10mm dia	27	172.70			4662.90	
	0.62kg/m					**2891.00**	Kg
						6812.69	
Executed Quantity						**6.81**	**Tonne**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	16	15-03-2023
Item Name	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)		

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
Measurement Recorded On :										
BEL Layout 1st Block										
	Road Sides Damage Portion									
	1st Main Road From Vidyaranyapura Main Road To End									
LHS	0.00	30.00	1	30.00	1.20	1.10	1.15	0.25	8.63	
	30.00	60.00	1	30.00	1.10	1.00	1.05	0.25	7.88	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.25	7.50	
	90.00	120.00	1	30.00	1.00	0.95	0.98	0.25	7.31	
	120.00	150.00	1	30.00	0.95	1.00	0.98	0.25	7.31	
	150.00	180.00	1	30.00	1.00	0.95	0.98	0.25	7.31	
	180.00	210.00	1	30.00	0.95	0.80	0.88	0.25	6.56	
	210.00	240.00	1	30.00	0.80	0.90	0.85	0.25	6.38	
	240.00	270.00	1	30.00	0.90	0.85	0.88	0.25	6.56	
	270.00	300.00	1	30.00	0.85	0.80	0.83	0.25	6.19	
	300.00	330.00	1	30.00	0.80	0.95	0.88	0.25	6.56	
	330.00	360.00	1	30.00	0.95	0.80	0.88	0.25	6.56	
	360.00	390.00	1	30.00	0.80	0.80	0.80	0.25	6.00	
	390.00	406.60	1	16.60	0.80	0.90	0.85	0.25	3.53	
RHS	0.00	30.00	1	30.00	1.20	0.95	1.08	0.25	8.06	
	30.00	60.00	1	30.00	0.95	0.90	0.93	0.25	6.94	
	60.00	90.00	1	30.00	0.90	1.00	0.95	0.25	7.13	
	90.00	120.00	1	30.00	1.00	0.80	0.90	0.25	6.75	
	120.00	150.00	1	30.00	0.80	0.90	0.85	0.25	6.38	
	150.00	180.00	1	30.00	0.90	0.80	0.85	0.25	6.38	
	180.00	210.00	1	30.00	0.80	0.85	0.83	0.25	6.19	
	210.00	240.00	1	30.00	0.85	0.90	0.88	0.25	6.56	
	240.00	270.00	1	30.00	0.90	0.80	0.85	0.25	6.38	
	270.00	300.00	1	30.00	0.80	0.85	0.83	0.25	6.19	
	300.00	330.00	1	30.00	0.85	0.90	0.88	0.25	6.56	
	330.00	360.00	1	30.00	0.90	0.95	0.93	0.25	6.94	
	360.00	390.00	1	30.00	0.95	0.85	0.90	0.25	6.75	
	390.00	406.60	1	16.60	0.85	0.90	0.88	0.25	3.63	
1st Block, HMT Layout										
	11th Main Road									
LHS	0.00	30.00	1	30.00	1.30	1.20	1.25	0.25	9.38	
	30.00	60.00	1	30.00	1.20	1.25	1.23	0.25	9.19	
	60.00	90.00	1	30.00	1.25	1.30	1.28	0.25	9.56	
	90.00	120.00	1	30.00	1.30	1.25	1.28	0.25	9.56	
	120.00	150.00	1	30.00	1.25	1.25	1.25	0.25	9.38	
	150.00	180.00	1	30.00	1.25	1.20	1.23	0.25	9.19	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.25	9.00	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
RHS										
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.25	9.00	
	30.00	60.00	1	30.00	1.20	1.25	1.23	0.25	9.19	
	60.00	90.00	1	30.00	1.25	1.30	1.28	0.25	9.56	
	90.00	120.00	1	30.00	1.30	1.20	1.25	0.25	9.38	
	120.00	150.00	1	30.00	1.20	1.25	1.23	0.25	9.19	
	150.00	180.00	1	30.00	1.25	1.30	1.28	0.25	9.56	
	180.00	210.00	1	30.00	1.30	1.25	1.28	0.25	9.56	
	210.00	238.00	1	28.00	1.25	1.20	1.23	0.25	8.58	
	13th Main Road									
LHS	0.00	30.00	1	30.00	1.50	1.30	1.40	0.25	10.50	
	30.00	60.00	1	30.00	1.30	1.35	1.33	0.25	9.94	
	60.00	90.00	1	30.00	1.35	1.20	1.28	0.25	9.56	
	90.00	120.00	1	30.00	1.20	1.45	1.33	0.25	9.94	
	120.00	150.00	1	30.00	1.45	1.40	1.43	0.25	10.69	
	150.00	180.00	1	30.00	1.40	1.30	1.35	0.25	10.13	
	180.00	183.30	1	3.30	1.30	1.35	1.33	0.25	1.09	
RHS										
	0.00	30.00	1	30.00	1.30	1.40	1.35	0.25	10.13	
	30.00	60.00	1	30.00	1.40	1.45	1.43	0.25	10.69	
	60.00	90.00	1	30.00	1.45	1.40	1.43	0.25	10.69	
	90.00	120.00	1	30.00	1.40	1.35	1.38	0.25	10.31	
	120.00	150.00	1	30.00	1.35	1.45	1.40	0.25	10.50	
	150.00	180.00	1	30.00	1.45	1.30	1.38	0.25	10.31	
	180.00	183.30	1	3.30	1.30	1.45	1.38	0.25	1.13	
(Dhurga Layout)										
	8th Cross, From 13th Main to 2nd Cross									
RHS	0.00	15.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	15.00	30.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	45.00	60.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	60.00	73.30	1	13.30	1.50	1.45	1.48	0.25	4.90	
LHS										
	0.00	15.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	15.00	30.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	30.00	45.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	45.00	60.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	60.00	73.30	1	13.30	1.45	1.50	1.48	0.25	4.90	
	1st Cross, from 4th Main to 8th Cross									
RHS	0.00	15.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	15.00	30.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	30.00	45.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	45.00	60.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	75.00	90.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	90.00	105.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	105.00	120.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	120.00	135.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	135.00	150.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	150.00	156.80	1	6.80	1.30	1.25	1.28	0.25	2.17	
RHS										
	0.00	15.00	1	15.00	1.30	1.35	1.33	0.25	4.97	
	15.00	30.00	1	15.00	1.35	1.50	1.43	0.25	5.34	
	30.00	45.00	1	15.00	1.50	1.25	1.38	0.25	5.16	
	45.00	60.00	1	15.00	1.25	1.45	1.35	0.25	5.06	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	75.00	90.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	90.00	105.00	1	15.00	1.35	1.30	1.33	0.25	4.97	
	105.00	120.00	1	15.00	1.30	1.40	1.35	0.25	5.06	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.25	5.16	
	135.00	150.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	150.00	156.80	1	6.80	1.25	1.35	1.30	0.25	2.21	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
RHS	0.00	15.00	1	15.00	1.60	1.30	1.45	0.25	5.44	
	15.00	30.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	30.00	45.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	45.00	60.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	60.00	75.00	1	15.00	1.35	1.30	1.33	0.25	4.97	
	75.00	90.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	105.00	120.00	1	15.00	1.35	1.40	1.38	0.25	5.16	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.25	5.16	
	135.00	150.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	150.00	165.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	165.00	180.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	180.00	195.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	195.00	208.30	1	13.30	1.20	1.35	1.28	0.25	4.24	
LHS										
	0.00	15.00	1	15.00	1.30	1.15	1.23	0.25	4.59	
	15.00	30.00	1	15.00	1.15	1.35	1.25	0.25	4.69	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	45.00	60.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	60.00	75.00	1	15.00	1.30	1.20	1.25	0.25	4.69	
	75.00	90.00	1	15.00	1.20	1.45	1.33	0.25	4.97	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	105.00	120.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	120.00	135.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	135.00	150.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	150.00	165.00	1	15.00	1.20	1.35	1.28	0.25	4.78	
	165.00	180.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	180.00	195.00	1	15.00	1.20	1.35	1.28	0.25	4.78	
	195.00	208.30	1	13.30	1.35	1.40	1.38	0.25	4.57	
	2nd Cross Road, from 8th Cross to 4th Main									
RHS	0.00	15.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	15.00	30.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	30.00	45.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	45.00	60.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	60.00	75.00	1	15.00	1.10	1.00	1.05	0.25	3.94	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	90.00	105.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	105.00	120.00	1	15.00	1.10	1.20	1.15	0.25	4.31	
	120.00	135.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	135.00	144.30	1	9.30	1.00	1.00	1.00	0.25	2.33	
LHS										
	0.00	15.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	15.00	30.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	30.00	45.00	1	15.00	1.10	1.20	1.15	0.25	4.31	
	45.00	60.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	60.00	75.00	1	15.00	1.00	1.00	1.00	0.25	3.75	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	90.00	105.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	105.00	120.00	1	15.00	1.00	1.00	1.00	0.25	3.75	
	120.00	135.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	135.00	144.30	1	9.30	1.20	1.00	1.10	0.25	2.56	
Executed Quantity									**835.90**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	19	28-03-2023
Item Name	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :										
BEL Layout 1st Block										
	Road Sides Damage Portion									
	1st Main Road From Vidyaranyapura Main Road To End									
LHS	0.00	30.00	1	30.00	1.20	1.10	1.15	0.25	8.63	
	30.00	60.00	1	30.00	1.10	1.00	1.05	0.25	7.88	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.25	7.50	
	90.00	120.00	1	30.00	1.00	0.95	0.98	0.25	7.31	
	120.00	150.00	1	30.00	0.95	1.00	0.98	0.25	7.31	
	150.00	180.00	1	30.00	1.00	0.95	0.98	0.25	7.31	
	180.00	210.00	1	30.00	0.95	0.80	0.88	0.25	6.56	
	210.00	240.00	1	30.00	0.80	0.90	0.85	0.25	6.38	
	240.00	270.00	1	30.00	0.90	0.85	0.88	0.25	6.56	
	270.00	300.00	1	30.00	0.85	0.80	0.83	0.25	6.19	
	300.00	330.00	1	30.00	0.80	0.95	0.88	0.25	6.56	
	330.00	360.00	1	30.00	0.95	0.80	0.88	0.25	6.56	
	360.00	390.00	1	30.00	0.80	0.80	0.80	0.25	6.00	
	390.00	406.60	1	16.60	0.80	0.90	0.85	0.25	3.53	
RHS	0.00	30.00	1	30.00	1.20	0.95	1.08	0.25	8.06	
	30.00	60.00	1	30.00	0.95	0.90	0.93	0.25	6.94	
	60.00	90.00	1	30.00	0.90	1.00	0.95	0.25	7.13	
	90.00	120.00	1	30.00	1.00	0.80	0.90	0.25	6.75	
	120.00	150.00	1	30.00	0.80	0.90	0.85	0.25	6.38	
	150.00	180.00	1	30.00	0.90	0.80	0.85	0.25	6.38	
	180.00	210.00	1	30.00	0.80	0.85	0.83	0.25	6.19	
	210.00	240.00	1	30.00	0.85	0.90	0.88	0.25	6.56	
	240.00	270.00	1	30.00	0.90	0.80	0.85	0.25	6.38	
	270.00	300.00	1	30.00	0.80	0.85	0.83	0.25	6.19	
	300.00	330.00	1	30.00	0.85	0.90	0.88	0.25	6.56	
	330.00	360.00	1	30.00	0.90	0.95	0.93	0.25	6.94	
	360.00	390.00	1	30.00	0.95	0.85	0.90	0.25	6.75	
	390.00	406.60	1	16.60	0.85	0.90	0.88	0.25	3.63	
1st Block, HMT Layout										
	11th Main Road									
LHS	0.00	30.00	1	30.00	1.30	1.20	1.25	0.25	9.38	
	30.00	60.00	1	30.00	1.20	1.25	1.23	0.25	9.19	
	60.00	90.00	1	30.00	1.25	1.30	1.28	0.25	9.56	
	90.00	120.00	1	30.00	1.30	1.25	1.28	0.25	9.56	
	120.00	150.00	1	30.00	1.25	1.25	1.25	0.25	9.38	
	150.00	180.00	1	30.00	1.25	1.20	1.23	0.25	9.19	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.25	9.00	
	210.00	238.00	1	28.00	1.20	1.30	1.25	0.25	8.75	
RHS										
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.25	9.00	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	90.00	120.00	1	30.00	1.30	1.20	1.25	0.25	9.38	
	120.00	150.00	1	30.00	1.20	1.25	1.23	0.25	9.19	
	150.00	180.00	1	30.00	1.25	1.30	1.28	0.25	9.56	
	180.00	210.00	1	30.00	1.30	1.25	1.28	0.25	9.56	
	210.00	238.00	1	28.00	1.25	1.20	1.23	0.25	8.58	
	13th Main Road									
LHS	0.00	30.00	1	30.00	1.50	1.30	1.40	0.25	10.50	
	30.00	60.00	1	30.00	1.30	1.35	1.33	0.25	9.94	
	60.00	90.00	1	30.00	1.35	1.20	1.28	0.25	9.56	
	90.00	120.00	1	30.00	1.20	1.45	1.33	0.25	9.94	
	120.00	150.00	1	30.00	1.45	1.40	1.43	0.25	10.69	
	150.00	180.00	1	30.00	1.40	1.30	1.35	0.25	10.13	
	180.00	183.30	1	3.30	1.30	1.35	1.33	0.25	1.09	
RHS										
	0.00	30.00	1	30.00	1.30	1.40	1.35	0.25	10.13	
	30.00	60.00	1	30.00	1.40	1.45	1.43	0.25	10.69	
	60.00	90.00	1	30.00	1.45	1.40	1.43	0.25	10.69	
	90.00	120.00	1	30.00	1.40	1.35	1.38	0.25	10.31	
	120.00	150.00	1	30.00	1.35	1.45	1.40	0.25	10.50	
	150.00	180.00	1	30.00	1.45	1.30	1.38	0.25	10.31	
	180.00	183.30	1	3.30	1.30	1.45	1.38	0.25	1.13	
(Dhurga Layout)										
	8th Cross, From 13th Main to 2nd Cross									
RHS	0.00	15.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	15.00	30.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	45.00	60.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	60.00	73.30	1	13.30	1.50	1.45	1.48	0.25	4.90	
LHS										
	0.00	15.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	15.00	30.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	30.00	45.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	45.00	60.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	60.00	73.30	1	13.30	1.45	1.50	1.48	0.25	4.90	
	1st Cross, from 4th Main to 8th Cross									
RHS	0.00	15.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	15.00	30.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	30.00	45.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	45.00	60.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	75.00	90.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	90.00	105.00	1	15.00	1.25	1.35	1.30	0.25	4.88	
	105.00	120.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	120.00	135.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	135.00	150.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	150.00	156.80	1	6.80	1.30	1.25	1.28	0.25	2.17	
RHS										
	0.00	15.00	1	15.00	1.30	1.35	1.33	0.25	4.97	
	15.00	30.00	1	15.00	1.35	1.50	1.43	0.25	5.34	
	30.00	45.00	1	15.00	1.50	1.25	1.38	0.25	5.16	
	45.00	60.00	1	15.00	1.25	1.45	1.35	0.25	5.06	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	75.00	90.00	1	15.00	1.35	1.35	1.35	0.25	5.06	
	90.00	105.00	1	15.00	1.35	1.30	1.33	0.25	4.97	
	105.00	120.00	1	15.00	1.30	1.40	1.35	0.25	5.06	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.25	5.16	
	135.00	150.00	1	15.00	1.35	1.25	1.30	0.25	4.88	
	150.00	156.80	1	6.80	1.25	1.35	1.30	0.25	2.21	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	15.00	30.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	30.00	45.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	45.00	60.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	60.00	75.00	1	15.00	1.35	1.30	1.33	0.25	4.97	
	75.00	90.00	1	15.00	1.30	1.45	1.38	0.25	5.16	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	105.00	120.00	1	15.00	1.35	1.40	1.38	0.25	5.16	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.25	5.16	
	135.00	150.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	150.00	165.00	1	15.00	1.45	1.50	1.48	0.25	5.53	
	165.00	180.00	1	15.00	1.50	1.35	1.43	0.25	5.34	
	180.00	195.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	195.00	208.30	1	13.30	1.20	1.35	1.28	0.25	4.24	
LHS										
	0.00	15.00	1	15.00	1.30	1.15	1.23	0.25	4.59	
	15.00	30.00	1	15.00	1.15	1.35	1.25	0.25	4.69	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.25	5.25	
	45.00	60.00	1	15.00	1.45	1.30	1.38	0.25	5.16	
	60.00	75.00	1	15.00	1.30	1.20	1.25	0.25	4.69	
	75.00	90.00	1	15.00	1.20	1.45	1.33	0.25	4.97	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.25	5.25	
	105.00	120.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	120.00	135.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	135.00	150.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	150.00	165.00	1	15.00	1.20	1.35	1.28	0.25	4.78	
	165.00	180.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	180.00	195.00	1	15.00	1.20	1.35	1.28	0.25	4.78	
	195.00	208.30	1	13.30	1.35	1.40	1.38	0.25	4.57	
	2nd Cross Road, from 8th Cross to 4th Main									
RHS	0.00	15.00	1	15.00	1.20	1.20	1.20	0.25	4.50	
	15.00	30.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	30.00	45.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	45.00	60.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	60.00	75.00	1	15.00	1.10	1.00	1.05	0.25	3.94	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	90.00	105.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	105.00	120.00	1	15.00	1.10	1.20	1.15	0.25	4.31	
	120.00	135.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	135.00	144.30	1	9.30	1.00	1.00	1.00	0.25	2.33	
LHS										
	0.00	15.00	1	15.00	1.35	1.20	1.28	0.25	4.78	
	15.00	30.00	1	15.00	1.20	1.10	1.15	0.25	4.31	
	30.00	45.00	1	15.00	1.10	1.20	1.15	0.25	4.31	
	45.00	60.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	60.00	75.00	1	15.00	1.00	1.00	1.00	0.25	3.75	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	90.00	105.00	1	15.00	1.20	1.00	1.10	0.25	4.13	
	105.00	120.00	1	15.00	1.00	1.00	1.00	0.25	3.75	
	120.00	135.00	1	15.00	1.00	1.20	1.10	0.25	4.13	
	135.00	144.30	1	9.30	1.20	1.00	1.10	0.25	2.56	
Executed Quantity									**835.90**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	20	
Item Name	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No.502	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :				06-04-2023						
BEL Layout 1st Block										
	Road Sides Damage Portion									
	1st Main Road From Vidyaranyapura Main Road To End									
LHS	0.00	30.00	1	30.00	1.20	1.10	1.15		34.50	
	30.00	60.00	1	30.00	1.10	1.00	1.05		31.50	
	60.00	90.00	1	30.00	1.00	1.00	1.00		30.00	
	90.00	120.00	1	30.00	1.00	0.95	0.98		29.25	
	120.00	150.00	1	30.00	0.95	1.00	0.98		29.25	
	150.00	180.00	1	30.00	1.00	0.95	0.98		29.25	
	180.00	210.00	1	30.00	0.95	0.80	0.88		26.25	
	210.00	240.00	1	30.00	0.80	0.90	0.85		25.50	
	240.00	270.00	1	30.00	0.90	0.85	0.88		26.25	
	270.00	300.00	1	30.00	0.85	0.80	0.83		24.75	
	300.00	330.00	1	30.00	0.80	0.95	0.88		26.25	
	330.00	360.00	1	30.00	0.95	0.80	0.88		26.25	
	360.00	390.00	1	30.00	0.80	0.80	0.80		24.00	
	390.00	406.60	1	16.60	0.80	0.90	0.85		14.11	
RHS	0.00	30.00	1	30.00	1.20	0.95	1.08		32.25	
	30.00	60.00	1	30.00	0.95	0.90	0.93		27.75	
	60.00	90.00	1	30.00	0.90	1.00	0.95		28.50	
	90.00	120.00	1	30.00	1.00	0.80	0.90		27.00	
	120.00	150.00	1	30.00	0.80	0.90	0.85		25.50	
	150.00	180.00	1	30.00	0.90	0.80	0.85		25.50	
	180.00	210.00	1	30.00	0.80	0.85	0.83		24.75	
	210.00	240.00	1	30.00	0.85	0.90	0.88		26.25	
	240.00	270.00	1	30.00	0.90	0.80	0.85		25.50	
	270.00	300.00	1	30.00	0.80	0.85	0.83		24.75	
	300.00	330.00	1	30.00	0.85	0.90	0.88		26.25	
	330.00	360.00	1	30.00	0.90	0.95	0.93		27.75	
	360.00	390.00	1	30.00	0.95	0.85	0.90		27.00	
	390.00	406.60	1	16.60	0.85	0.90	0.88		14.53	
1st Block, HMT Layout										
	11th Main Road									
LHS	0.00	30.00	1	30.00	1.30	1.20	1.25		37.50	
	30.00	60.00	1	30.00	1.20	1.25	1.23		36.75	
	60.00	90.00	1	30.00	1.25	1.30	1.28		38.25	
	90.00	120.00	1	30.00	1.30	1.25	1.28		38.25	
	120.00	150.00	1	30.00	1.25	1.25	1.25		37.50	
	150.00	180.00	1	30.00	1.25	1.20	1.23		36.75	
	180.00	210.00	1	30.00	1.20	1.20	1.20		36.00	
	210.00	238.00	1	28.00	1.20	1.30	1.25		35.00	
RHS										
	0.00	30.00	1	30.00	1.20	1.20	1.20		36.00	
	30.00	60.00	1	30.00	1.20	1.25	1.23		36.75	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	90.00	120.00	1	30.00	1.30	1.20	1.25		37.50	
	120.00	150.00	1	30.00	1.20	1.25	1.23		36.75	
	150.00	180.00	1	30.00	1.25	1.30	1.28		38.25	
	180.00	210.00	1	30.00	1.30	1.25	1.28		38.25	
	210.00	238.00	1	28.00	1.25	1.20	1.23		34.30	
	13th Main Road									
LHS	0.00	30.00	1	30.00	1.50	1.30	1.40		42.00	
	30.00	60.00	1	30.00	1.30	1.35	1.33		39.75	
	60.00	90.00	1	30.00	1.35	1.20	1.28		38.25	
	90.00	120.00	1	30.00	1.20	1.45	1.33		39.75	
	120.00	150.00	1	30.00	1.45	1.40	1.43		42.75	
	150.00	180.00	1	30.00	1.40	1.30	1.35		40.50	
	180.00	183.30	1	3.30	1.30	1.35	1.33		4.37	
RHS										
	0.00	30.00	1	30.00	1.30	1.40	1.35		40.50	
	30.00	60.00	1	30.00	1.40	1.45	1.43		42.75	
	60.00	90.00	1	30.00	1.45	1.40	1.43		42.75	
	90.00	120.00	1	30.00	1.40	1.35	1.38		41.25	
	120.00	150.00	1	30.00	1.35	1.45	1.40		42.00	
	150.00	180.00	1	30.00	1.45	1.30	1.38		41.25	
	180.00	183.30	1	3.30	1.30	1.45	1.38		4.54	
(Dhurga Layout)										
	8th Cross, From 13th Main to 2nd Cross									
RHS	0.00	15.00	1	15.00	1.45	1.35	1.40		21.00	
	15.00	30.00	1	15.00	1.35	1.35	1.35		20.25	
	30.00	45.00	1	15.00	1.35	1.45	1.40		21.00	
	45.00	60.00	1	15.00	1.45	1.50	1.48		22.13	
	60.00	73.30	1	13.30	1.50	1.45	1.48		19.62	
LHS										
	0.00	15.00	1	15.00	1.50	1.35	1.43		21.38	
	15.00	30.00	1	15.00	1.35	1.25	1.30		19.50	
	30.00	45.00	1	15.00	1.25	1.35	1.30		19.50	
	45.00	60.00	1	15.00	1.35	1.45	1.40		21.00	
	60.00	73.30	1	13.30	1.45	1.50	1.48		19.62	
	1st Cross, from 4th Main to 8th Cross									
RHS	0.00	15.00	1	15.00	1.25	1.35	1.30		19.50	
	15.00	30.00	1	15.00	1.35	1.45	1.40		21.00	
	30.00	45.00	1	15.00	1.45	1.30	1.38		20.63	
	45.00	60.00	1	15.00	1.30	1.45	1.38		20.63	
	60.00	75.00	1	15.00	1.45	1.35	1.40		21.00	
	75.00	90.00	1	15.00	1.35	1.25	1.30		19.50	
	90.00	105.00	1	15.00	1.25	1.35	1.30		19.50	
	105.00	120.00	1	15.00	1.35	1.35	1.35		20.25	
	120.00	135.00	1	15.00	1.35	1.45	1.40		21.00	
	135.00	150.00	1	15.00	1.45	1.30	1.38		20.63	
	150.00	156.80	1	6.80	1.30	1.25	1.28		8.67	
RHS										
	0.00	15.00	1	15.00	1.30	1.35	1.33		19.88	
	15.00	30.00	1	15.00	1.35	1.50	1.43		21.38	
	30.00	45.00	1	15.00	1.50	1.25	1.38		20.63	
	45.00	60.00	1	15.00	1.25	1.45	1.35		20.25	
	60.00	75.00	1	15.00	1.45	1.35	1.40		21.00	
	75.00	90.00	1	15.00	1.35	1.35	1.35		20.25	
	90.00	105.00	1	15.00	1.35	1.30	1.33		19.88	
	105.00	120.00	1	15.00	1.30	1.40	1.35		20.25	
	120.00	135.00	1	15.00	1.40	1.35	1.38		20.63	
	135.00	150.00	1	15.00	1.35	1.25	1.30		19.50	
	150.00	156.80	1	6.80	1.25	1.35	1.30		8.84	
	4th Main Road, from Road end to 1st Cross									

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	15.00	30.00	1	15.00	1.30	1.45	1.38		20.63	
	30.00	45.00	1	15.00	1.45	1.50	1.48		22.13	
	45.00	60.00	1	15.00	1.50	1.35	1.43		21.38	
	60.00	75.00	1	15.00	1.35	1.30	1.33		19.88	
	75.00	90.00	1	15.00	1.30	1.45	1.38		20.63	
	90.00	105.00	1	15.00	1.45	1.35	1.40		21.00	
	105.00	120.00	1	15.00	1.35	1.40	1.38		20.63	
	120.00	135.00	1	15.00	1.40	1.35	1.38		20.63	Ok
	135.00	150.00	1	15.00	1.35	1.45	1.40		21.00	
	150.00	165.00	1	15.00	1.45	1.50	1.48		22.13	
	165.00	180.00	1	15.00	1.50	1.35	1.43		21.38	
	180.00	195.00	1	15.00	1.35	1.20	1.28		19.13	
	195.00	208.30	1	13.30	1.20	1.35	1.28		16.96	
LHS										
	0.00	15.00	1	15.00	1.30	1.15	1.23		18.38	
	15.00	30.00	1	15.00	1.15	1.35	1.25		18.75	
	30.00	45.00	1	15.00	1.35	1.45	1.40		21.00	
	45.00	60.00	1	15.00	1.45	1.30	1.38		20.63	
	60.00	75.00	1	15.00	1.30	1.20	1.25		18.75	
	75.00	90.00	1	15.00	1.20	1.45	1.33		19.88	
	90.00	105.00	1	15.00	1.45	1.35	1.40		21.00	
	105.00	120.00	1	15.00	1.35	1.20	1.28		19.13	
	120.00	135.00	1	15.00	1.20	1.20	1.20		18.00	Ok
	135.00	150.00	1	15.00	1.20	1.20	1.20		18.00	
	150.00	165.00	1	15.00	1.20	1.35	1.28		19.13	
	165.00	180.00	1	15.00	1.35	1.20	1.28		19.13	
	180.00	195.00	1	15.00	1.20	1.35	1.28		19.13	
	195.00	208.30	1	13.30	1.35	1.40	1.38		18.29	
	2nd Cross Road, from 8th Cross to 4th Main									
RHS	0.00	15.00	1	15.00	1.20	1.20	1.20		18.00	
	15.00	30.00	1	15.00	1.20	1.00	1.10		16.50	
	30.00	45.00	1	15.00	1.00	1.20	1.10		16.50	
	45.00	60.00	1	15.00	1.20	1.10	1.15		17.25	
	60.00	75.00	1	15.00	1.10	1.00	1.05		15.75	
	75.00	90.00	1	15.00	1.00	1.20	1.10		16.50	Ok
	90.00	105.00	1	15.00	1.20	1.10	1.15		17.25	
	105.00	120.00	1	15.00	1.10	1.20	1.15		17.25	
	120.00	135.00	1	15.00	1.20	1.00	1.10		16.50	
	135.00	144.30	1	9.30	1.00	1.00	1.00		9.30	
LHS										
	0.00	15.00	1	15.00	1.35	1.20	1.28		19.13	
	15.00	30.00	1	15.00	1.20	1.10	1.15		17.25	
	30.00	45.00	1	15.00	1.10	1.20	1.15		17.25	
	45.00	60.00	1	15.00	1.20	1.00	1.10		16.50	
	60.00	75.00	1	15.00	1.00	1.00	1.00		15.00	Ok
	75.00	90.00	1	15.00	1.00	1.20	1.10		16.50	
	90.00	105.00	1	15.00	1.20	1.00	1.10		16.50	
	105.00	120.00	1	15.00	1.00	1.00	1.00		15.00	
	120.00	135.00	1	15.00	1.00	1.20	1.10		16.50	
	135.00	144.30	1	9.30	1.20	1.00	1.10		10.23	
Executed Quantity									**3343.62**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Vidyaranyapura Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	21	12-04-2023
Item Name	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On :										
BEL Layout 1st Block										
	Road Sides Damage Portion									
	1st Main Road From Vidyaranyapura Main Road To End									
LHS	0.00	30.00	1	30.00	1.20	1.10	1.15	0.05	1.73	
	30.00	60.00	1	30.00	1.10	1.00	1.05	0.05	1.58	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	90.00	120.00	1	30.00	1.00	0.95	0.98	0.05	1.46	
	120.00	150.00	1	30.00	0.95	1.00	0.98	0.05	1.46	
	150.00	180.00	1	30.00	1.00	0.95	0.98	0.05	1.46	
	180.00	210.00	1	30.00	0.95	0.80	0.88	0.05	1.31	
	210.00	240.00	1	30.00	0.80	0.90	0.85	0.05	1.28	
	240.00	270.00	1	30.00	0.90	0.85	0.88	0.05	1.31	
	270.00	300.00	1	30.00	0.85	0.80	0.83	0.05	1.24	
	300.00	330.00	1	30.00	0.80	0.95	0.88	0.05	1.31	
	330.00	360.00	1	30.00	0.95	0.80	0.88	0.05	1.31	
	360.00	390.00	1	30.00	0.80	0.80	0.80	0.05	1.20	
	390.00	406.60	1	16.60	0.80	0.90	0.85	0.05	0.71	
RHS	0.00	30.00	1	30.00	1.20	0.95	1.08	0.05	1.61	
	30.00	60.00	1	30.00	0.95	0.90	0.93	0.05	1.39	
	60.00	90.00	1	30.00	0.90	1.00	0.95	0.05	1.43	
	90.00	120.00	1	30.00	1.00	0.80	0.90	0.05	1.35	
	120.00	150.00	1	30.00	0.80	0.90	0.85	0.05	1.28	
	150.00	180.00	1	30.00	0.90	0.80	0.85	0.05	1.28	
	180.00	210.00	1	30.00	0.80	0.85	0.83	0.05	1.24	
	210.00	240.00	1	30.00	0.85	0.90	0.88	0.05	1.31	
	240.00	270.00	1	30.00	0.90	0.80	0.85	0.05	1.28	
	270.00	300.00	1	30.00	0.80	0.85	0.83	0.05	1.24	
	300.00	330.00	1	30.00	0.85	0.90	0.88	0.05	1.31	
	330.00	360.00	1	30.00	0.90	0.95	0.93	0.05	1.39	
	360.00	390.00	1	30.00	0.95	0.85	0.90	0.05	1.35	
	390.00	406.60	1	16.60	0.85	0.90	0.88	0.05	0.73	
1st Block, HMT Layout										
	11th Main Road									
LHS	0.00	30.00	1	30.00	1.30	1.20	1.25	0.05	1.88	
	30.00	60.00	1	30.00	1.20	1.25	1.23	0.05	1.84	
	60.00	90.00	1	30.00	1.25	1.30	1.28	0.05	1.91	
	90.00	120.00	1	30.00	1.30	1.25	1.28	0.05	1.91	
	120.00	150.00	1	30.00	1.25	1.25	1.25	0.05	1.88	
	150.00	180.00	1	30.00	1.25	1.20	1.23	0.05	1.84	
	180.00	210.00	1	30.00	1.20	1.20	1.20	0.05	1.80	
	210.00	238.00	1	28.00	1.20	1.30	1.25	0.05	1.75	
RHS										
	0.00	30.00	1	30.00	1.20	1.20	1.20	0.05	1.80	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	Breadth	(m)		
	60.00	90.00	1	30.00	1.25	1.30	1.28	0.05	1.91	
	90.00	120.00	1	30.00	1.30	1.20	1.25	0.05	1.88	
	120.00	150.00	1	30.00	1.20	1.25	1.23	0.05	1.84	
	150.00	180.00	1	30.00	1.25	1.30	1.28	0.05	1.91	
	180.00	210.00	1	30.00	1.30	1.25	1.28	0.05	1.91	
	210.00	238.00	1	28.00	1.25	1.20	1.23	0.05	1.72	
	13th Main Road									
LHS	0.00	30.00	1	30.00	1.50	1.30	1.40	0.05	2.10	
	30.00	60.00	1	30.00	1.30	1.35	1.33	0.05	1.99	
	60.00	90.00	1	30.00	1.35	1.20	1.28	0.05	1.91	
	90.00	120.00	1	30.00	1.20	1.45	1.33	0.05	1.99	
	120.00	150.00	1	30.00	1.45	1.40	1.43	0.05	2.14	
	150.00	180.00	1	30.00	1.40	1.30	1.35	0.05	2.03	
	180.00	183.30	1	3.30	1.30	1.35	1.33	0.05	0.22	
RHS										
	0.00	30.00	1	30.00	1.30	1.40	1.35	0.05	2.03	
	30.00	60.00	1	30.00	1.40	1.45	1.43	0.05	2.14	
	60.00	90.00	1	30.00	1.45	1.40	1.43	0.05	2.14	
	90.00	120.00	1	30.00	1.40	1.35	1.38	0.05	2.06	
	120.00	150.00	1	30.00	1.35	1.45	1.40	0.05	2.10	
	150.00	180.00	1	30.00	1.45	1.30	1.38	0.05	2.06	
	180.00	183.30	1	3.30	1.30	1.45	1.38	0.05	0.23	
(Dhurga Layout)										
	8th Cross, From 13th Main to 2nd Cross									
RHS	0.00	15.00	1	15.00	1.45	1.35	1.40	0.05	1.05	
	15.00	30.00	1	15.00	1.35	1.35	1.35	0.05	1.01	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	45.00	60.00	1	15.00	1.45	1.50	1.48	0.05	1.11	
	60.00	73.30	1	13.30	1.50	1.45	1.48	0.05	0.98	
LHS										
	0.00	15.00	1	15.00	1.50	1.35	1.43	0.05	1.07	
	15.00	30.00	1	15.00	1.35	1.25	1.30	0.05	0.98	
	30.00	45.00	1	15.00	1.25	1.35	1.30	0.05	0.98	
	45.00	60.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	60.00	73.30	1	13.30	1.45	1.50	1.48	0.05	0.98	
	1st Cross, from 4th Main to 8th Cross									
RHS	0.00	15.00	1	15.00	1.25	1.35	1.30	0.05	0.98	
	15.00	30.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	30.00	45.00	1	15.00	1.45	1.30	1.38	0.05	1.03	
	45.00	60.00	1	15.00	1.30	1.45	1.38	0.05	1.03	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.05	1.05	
	75.00	90.00	1	15.00	1.35	1.25	1.30	0.05	0.98	
	90.00	105.00	1	15.00	1.25	1.35	1.30	0.05	0.98	
	105.00	120.00	1	15.00	1.35	1.35	1.35	0.05	1.01	
	120.00	135.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	135.00	150.00	1	15.00	1.45	1.30	1.38	0.05	1.03	
	150.00	156.80	1	6.80	1.30	1.25	1.28	0.05	0.43	
RHS										
	0.00	15.00	1	15.00	1.30	1.35	1.33	0.05	0.99	
	15.00	30.00	1	15.00	1.35	1.50	1.43	0.05	1.07	
	30.00	45.00	1	15.00	1.50	1.25	1.38	0.05	1.03	
	45.00	60.00	1	15.00	1.25	1.45	1.35	0.05	1.01	
	60.00	75.00	1	15.00	1.45	1.35	1.40	0.05	1.05	
	75.00	90.00	1	15.00	1.35	1.35	1.35	0.05	1.01	
	90.00	105.00	1	15.00	1.35	1.30	1.33	0.05	0.99	
	105.00	120.00	1	15.00	1.30	1.40	1.35	0.05	1.01	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.05	1.03	
	135.00	150.00	1	15.00	1.35	1.25	1.30	0.05	0.98	
	150.00	156.80	1	6.80	1.25	1.35	1.30	0.05	0.44	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
	15.00	30.00	1	15.00	1.30	1.45	1.38	0.05	1.03	
	30.00	45.00	1	15.00	1.45	1.50	1.48	0.05	1.11	
	45.00	60.00	1	15.00	1.50	1.35	1.43	0.05	1.07	
	60.00	75.00	1	15.00	1.35	1.30	1.33	0.05	0.99	
	75.00	90.00	1	15.00	1.30	1.45	1.38	0.05	1.03	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.05	1.05	
	105.00	120.00	1	15.00	1.35	1.40	1.38	0.05	1.03	
	120.00	135.00	1	15.00	1.40	1.35	1.38	0.05	1.03	
	135.00	150.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	150.00	165.00	1	15.00	1.45	1.50	1.48	0.05	1.11	
	165.00	180.00	1	15.00	1.50	1.35	1.43	0.05	1.07	
	180.00	195.00	1	15.00	1.35	1.20	1.28	0.05	0.96	
	195.00	208.30	1	13.30	1.20	1.35	1.28	0.05	0.85	
LHS										
	0.00	15.00	1	15.00	1.30	1.15	1.23	0.05	0.92	
	15.00	30.00	1	15.00	1.15	1.35	1.25	0.05	0.94	
	30.00	45.00	1	15.00	1.35	1.45	1.40	0.05	1.05	
	45.00	60.00	1	15.00	1.45	1.30	1.38	0.05	1.03	
	60.00	75.00	1	15.00	1.30	1.20	1.25	0.05	0.94	
	75.00	90.00	1	15.00	1.20	1.45	1.33	0.05	0.99	
	90.00	105.00	1	15.00	1.45	1.35	1.40	0.05	1.05	
	105.00	120.00	1	15.00	1.35	1.20	1.28	0.05	0.96	
	120.00	135.00	1	15.00	1.20	1.20	1.20	0.05	0.90	
	135.00	150.00	1	15.00	1.20	1.20	1.20	0.05	0.90	
	150.00	165.00	1	15.00	1.20	1.35	1.28	0.05	0.96	
	165.00	180.00	1	15.00	1.35	1.20	1.28	0.05	0.96	
	180.00	195.00	1	15.00	1.20	1.35	1.28	0.05	0.96	
	195.00	208.30	1	13.30	1.35	1.40	1.38	0.05	0.91	
	2nd Cross Road, from 8th Cross to 4th Main									
RHS	0.00	15.00	1	15.00	1.20	1.20	1.20	0.05	0.90	
	15.00	30.00	1	15.00	1.20	1.00	1.10	0.05	0.83	
	30.00	45.00	1	15.00	1.00	1.20	1.10	0.05	0.83	
	45.00	60.00	1	15.00	1.20	1.10	1.15	0.05	0.86	
	60.00	75.00	1	15.00	1.10	1.00	1.05	0.05	0.79	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.05	0.83	
	90.00	105.00	1	15.00	1.20	1.10	1.15	0.05	0.86	
	105.00	120.00	1	15.00	1.10	1.20	1.15	0.05	0.86	
	120.00	135.00	1	15.00	1.20	1.00	1.10	0.05	0.83	
	135.00	144.30	1	9.30	1.00	1.00	1.00	0.05	0.47	
LHS										
	0.00	15.00	1	15.00	1.35	1.20	1.28	0.05	0.96	
	15.00	30.00	1	15.00	1.20	1.10	1.15	0.05	0.86	
	30.00	45.00	1	15.00	1.10	1.20	1.15	0.05	0.86	
	45.00	60.00	1	15.00	1.20	1.00	1.10	0.05	0.83	
	60.00	75.00	1	15.00	1.00	1.00	1.00	0.05	0.75	
	75.00	90.00	1	15.00	1.00	1.20	1.10	0.05	0.83	
	90.00	105.00	1	15.00	1.20	1.00	1.10	0.05	0.83	
	105.00	120.00	1	15.00	1.00	1.00	1.00	0.05	0.75	
	120.00	135.00	1	15.00	1.00	1.20	1.10	0.05	0.83	
	135.00	144.30	1	9.30	1.20	1.00	1.10	0.05	0.51	
Executed Quantity									**167.18**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

4th & Part Bill

Item NO	22
Item Name	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On :				20-04-2023						
	1st Block BEL Layout									
	Asphalt Road									
	1st Main Road From Vidyaranyapura Main Road To End									
	0.00	15.00	1	15.00	6.00	5.00	5.50		82.50	
	15.00	30.00	1	15.00	5.00	4.50	4.75		71.25	
	30.00	45.00	1	15.00	4.50	4.50	4.50		67.50	
	45.00	60.00	1	15.00	4.50	4.70	4.60		69.00	
	60.00	75.00	1	15.00	4.70	4.90	4.80		72.00	
	75.00	90.00	1	15.00	4.90	5.40	5.15		77.25	
	90.00	105.00	1	15.00	5.40	5.30	5.35		80.25	
	105.00	120.00	1	15.00	5.30	4.50	4.90		73.50	
	120.00	135.00	1	15.00	4.50	4.60	4.55		68.25	
	135.00	150.00	1	15.00	4.60	4.70	4.65		69.75	
	150.00	165.00	1	15.00	4.70	4.50	4.60		69.00	
	165.00	180.00	1	15.00	4.50	4.70	4.60		69.00	
	180.00	195.00	1	15.00	4.70	4.90	4.80		72.00	
	195.00	210.00	1	15.00	4.90	4.80	4.85		72.75	
	210.00	225.00	1	15.00	4.80	4.70	4.75		71.25	
	225.00	240.00	1	15.00	4.70	4.90	4.80		72.00	
	240.00	255.00	1	15.00	4.90	4.80	4.85		72.75	
	255.00	270.00	1	15.00	4.80	4.80	4.80		72.00	
	270.00	285.00	1	15.00	4.80	4.90	4.85		72.75	
	285.00	300.00	1	15.00	4.90	5.00	4.95		74.25	
	300.00	315.00	1	15.00	5.00	4.80	4.90		73.50	
	315.00	330.00	1	15.00	4.80	4.80	4.80		72.00	
	330.00	345.00	1	15.00	4.80	4.80	4.80		72.00	
	345.00	360.00	1	15.00	4.80	4.70	4.75		71.25	
	360.00	375.00	1	15.00	4.70	4.80	4.75		71.25	
	375.00	390.00	1	15.00	4.80	4.70	4.75		71.25	
	390.00	406.60	1	16.60	4.70	5.10	4.90		81.34	
	Deductions									
	Chambers		-8	1.00			0.70		-5.60	
	Manholes		-2	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-1.28	
	HMT Layout 3rd Block									
	Asphalt Road									
	11th Main HMT layout 3rd Block									
	0.00	2.70	1	2.70	7.40	5.10	6.25		16.88	
	0.00	15.00	1	15.00	4.70	4.30	4.50		67.50	
	15.00	30.00	1	15.00	4.30	4.30	4.30		64.50	
	30.00	45.00	1	15.00	4.30	4.40	4.35		65.25	
	45.00	60.00	1	15.00	4.40	4.30	4.35		65.25	
	60.00	75.00	1	15.00	4.30	4.40	4.35		65.25	
	75.00	90.00	1	15.00	4.40	4.20	4.30		64.50	
	90.00	105.00	1	15.00	4.20	4.10	4.15		62.25	

	120.00	135.00	1	15.00	4.65	4.30	4.48		67.13	
	135.00	150.00	1	15.00	4.30	4.30	4.30		64.50	
	150.00	165.00	1	15.00	4.30	4.30	4.30		64.50	
	165.00	180.00	1	15.00	4.30	4.40	4.35		65.25	
	180.00	195.00	1	15.00	4.40	4.00	4.20		63.00	
	195.00	210.00	1	15.00	4.00	4.80	4.40		66.00	
	210.00	225.00	1	15.00	4.80	4.70	4.75		71.25	
	225.00	238.00	1	13.00	4.70	6.00	5.35		69.55	
	Deductions									
	Chambers		-1	1.00			0.70		-0.70	
	Manholes		-1	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-0.64	
	13th Main HMT layout 3rd Block									
	0.00	15.00	1	15.00	5.60	6.00	5.80		87.00	
	15.00	30.00	1	15.00	6.00	6.40	6.20		93.00	
	30.00	45.00	1	15.00	6.40	6.50	6.45		96.75	
	45.00	60.00	1	15.00	6.50	6.40	6.45		96.75	
	60.00	75.00	1	15.00	6.40	5.80	6.10		91.50	
	75.00	90.00	1	15.00	5.80	5.80	5.80		87.00	
	90.00	105.00	1	15.00	5.80	5.50	5.65		84.75	
	105.00	120.00	1	15.00	5.50	5.30	5.40		81.00	
	120.00	135.00	1	15.00	5.30	5.50	5.40		81.00	
	135.00	150.00	1	15.00	5.50	6.30	5.90		88.50	
	150.00	165.00	1	15.00	6.30	6.60	6.45		96.75	
	165.00	180.00	1	15.00	6.60	6.00	6.30		94.50	
	180.00	183.30	1	3.30	6.00	6.10	6.05		19.97	
	Deductions									
	Chambers		-2	1.00			0.70		-1.40	
	Manholes		-1	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-0.64	
	(Dhurga Layout)									
	8th Cross, From 13th Main to 2nd Cross									
	0.00	15.00	1	15.00	6.70	6.10	6.40		96.00	
	15.00	30.00	1	15.00	6.10	5.50	5.80		87.00	
	30.00	45.00	1	15.00	5.50	5.50	5.50		82.50	
	45.00	60.00	1	15.00	5.50	6.00	5.75		86.25	
	60.00	73.30	1	13.30	6.00	5.80	5.90		78.47	
	Deductions									
	Chambers		-3	1.00			0.70		-2.10	
	Manholes		-4	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-2.56	
	1st Cross, from 4th Main to 8th Cross									
	0.00	15.00	1	15.00	6.20	5.40	5.80		87.00	
	15.00	30.00	1	15.00	5.40	5.00	5.20		78.00	
	30.00	45.00	1	15.00	5.00	5.30	5.15		77.25	
	45.00	60.00	1	15.00	5.30	5.00	5.15		77.25	
	60.00	75.00	1	15.00	5.00	5.30	5.15		77.25	
	75.00	90.00	1	15.00	5.30	6.60	5.95		89.25	
	90.00	105.00	1	15.00	6.60	6.30	6.45		96.75	
	105.00	120.00	1	15.00	6.30	5.50	5.90		88.50	
	120.00	135.00	1	15.00	5.50	5.90	5.70		85.50	
	135.00	150.00	1	15.00	5.90	6.60	6.25		93.75	
	150.00	156.80	1	6.80	6.60	6.50	6.55		44.54	
	Deductions									
	Chambers		-3	1.00			0.70		-2.10	
			-1	2.10			1.50		-3.15	
	Manholes		-1	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-0.64	
	4th Main Road, from Dead end to 1st Cross									
	0.00	15.00	1	15.00	5.40	5.70	5.55		83.25	
	15.00	30.00	1	15.00	5.70	5.80	5.75		86.25	

	45.00	60.00	1	15.00	6.50	6.10	6.30		94.50	
	60.00	75.00	1	15.00	6.10	5.80	5.95		89.25	
	75.00	90.00	1	15.00	5.80	7.00	6.40		96.00	
	90.00	105.00	1	15.00	7.00	6.50	6.75		101.25	
	105.00	120.00	1	15.00	6.50	6.30	6.40		96.00	
	120.00	135.00	1	15.00	6.30	4.80	5.55		83.25	
	135.00	150.00	1	15.00	4.80	6.00	5.40		81.00	
	150.00	165.00	1	15.00	6.00	5.50	5.75		86.25	
	165.00	180.00	1	15.00	5.50	4.90	5.20		78.00	
	180.00	195.00	1	15.00	4.90	5.60	5.25		78.75	
	195.00	208.30	1	13.30	5.60	6.30	5.95		79.14	
	Deductions									
	Chambers		-3	1.00			0.70		-2.10	
	Manholes		-2	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-1.28	
	2nd Cross Road, from 8th Cross to 4th Main									
	0.00	15.00	1	15.00	5.00	5.80	5.40		81.00	
	15.00	30.00	1	15.00	5.80	5.80	5.80		87.00	
	30.00	45.00	1	15.00	5.80	4.60	5.20		78.00	
	45.00	60.00	1	15.00	4.60	5.30	4.95		74.25	
	60.00	75.00	1	15.00	5.30	5.40	5.35		80.25	
	75.00	90.00	1	15.00	5.40	5.70	5.55		83.25	
	90.00	105.00	1	15.00	5.70	5.80	5.75		86.25	
	105.00	120.00	1	15.00	5.80	5.60	5.70		85.50	
	120.00	135.00	1	15.00	5.60	5.30	5.45		81.75	
	135.00	144.30	1	9.30	5.30	6.00	5.65		52.55	
	Deductions									
	Chambers		-1	1.00			0.70		-0.70	
	Manholes		-4	0.64	Area of Circle = (3.142*0.9*0.9)/4 = 0.64				-2.56	
Executed Quantity									**7445.47**	**Sqm**

Contractor Representative

Assistant Engineer
Ward No.09
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97